Date Doc ID#

STATE LABORATORY OF PUBLIC HEALTH
DIVISION OF HEALTH SERVICES
N.C. DEPARTMENT OF HUMAN RESOURCES

P.O. BOX 28047 - 306 N. WILMINGTON ST., RALEIGH 27611

RECEIVED BE MAY 26 1992 ES

# INORGANIC CHEMICAL ANALYSES - PUBLIC WATER SY

Complete All Items Above Heavy Line (See Instructions on Reverse Side)

	F.''						
Name of the same of	1.14.1	4.3	Type of	System:			
Name of Jockson	. Co. L. F. D. Cul	lowhere	الملكاء	Community Non-Community			
Address: Cullor	she-e	. "	Source o	of Water:			
1)(	•	1	(	Ground	( )	Both	
<u> </u>	ZIP		(Ly	Surface	( )	Purchased	
County: Dre K	CO		Source o	of Sample:			
County:	6 11		( )	Distribution Tap	· ( )	House Tap	
Report To:	o (Dabb				( )	Well Tap	
1149	190 Box 20	91	Type of				
Address:	In 1/4 2000	1600-2091 -	- (17)	Raw	( )	Treated	
V 10 1	ZIPOPA		Type of	Treatment:	, ,		
Telephone Number: (9)	91 733 -215	) <b>%</b>	(24	None	( )	Lime Soda Ash	
relephone Number:	200	4 E,	( )	Chlorinated Fluoridated	. ( )	Polyphosphate	
Collected By:	m // 1001 e	1 方 法	3 ( )	Filtered	· ( )	Water Softener	
	100	ALL AM	( )	Alum	( )	Other	
Date Collected: _ 5 //6	) 82 Time:	<u>00 m</u>	<u> </u>				
·	Stream below	wAF	Type of	Sample: Regular	( )	∠ Private	
Location of Sampling Point: (Address where sample was c	7.	De	( )	Check	سيسيما	Special	
(Mudiess Milete sample was c	Officered)	F			- (000) ( 500)		
Remarks:	-X	Tipe !	WATER SYSTEM I.D. NUMBER (COPY FROM MAILING LABEL)				
	•				- _ _		
State Drinking Water Parame	oters (Required)	4	Optiona	l Parameters (List as n	eeded)		
State Diffiking Water I draine	.tors (madamod)	أخريت	•				
	Results	4		4	Results		
Arsenic	< 0.10	mg/l* 2	Conde	- Huite	442	Umhow)	
Barium	<0.1	mg/l 2	CNION	id-e		<u> </u>	
Cadmium	< 0.005		CORP.		500	03	
Chromium	< 0.8/	mg/l 2 mg/l 2	Collos		340		
Fluoride	20.103 20.03	mg/l 2   mg/l 2	2000	nte.	3 5	<del>2</del>	
Lead	20,000		ZIV	<u> </u>	+ J. Z	0.05	
Mercury	0,65	mg/l 2	Fic			0	
Nitrate (as N)	20.005	<del></del>	100				
Selenium	₹0.02	mg/l 3 mg/l 2	· · · · · · · · · · · · · · · · · · ·		<del> </del>		
Silver	7.4	units 1					
pH	1113.71	mg/l 2					
Iron	7.37	mg/l 2				······································	
Manganese	1 // 2/			1	1		
in	AY 1 7 1982		5/2	5/82	D		
Date Received	Date Re	eported	7 7	Reported	БУ	2012	
		y.f.,	•	en er		To the second	
Date Analyzed	Laborat	ory Nümber		, 61			

#### INSTRUCTIONS

Using typewriter or ball point pen, fill in all requested information on the top portion of form front. Please print legibly if typewriter is not available.

Before taking the sample, remove the two "freeze packs" from the styrofoam mailer and place in a freezer overnight. (SAMPLES NOT PRESERVED BY ICING DURING SHIPMENT WILL NOT BE TESTED.)

### SAMPLE COLLECTION:

- 1) Remove the two 1-quart plastic containers and inflate by mouth, if uninflated.
- 2) Let the water (to be sampled) run for 5 minutes to assure that the water is from the distribution system.
- 3) Rinse each plastic container two or three times, and discard the water.
- 4) After rinsing, fill each container to within approximately one inch of top of the sampling container. Then cap the container securely. Check samples (see Types of Samples below), samples from non-community systems, and special samples may contain only one 1-quart sampling container, rather than two.

## **SAMPLE SHIPMENT:**

- 1) After collection of the sample(s), replace the two frozen "freeze packs" in the styrofoam mailer.
- 2) Next, place the two 1-quart samples into the mailer and cap.
- 3) After capping the styrofoam mailer, place the report from (UNFOLDED) on top, then seal the cardboard box. Mail immediately to the State Laboratory using the supplied label. The sender is required to pay shipping costs.

The analysis takes several days for completion, and the report will be mailed back as soon as possible. Please do not call the laboratory to request "early" results, unless absolutely necessary.

# LIMITS OF ALLOWABLE CONCENTRATIONS FOR DRINKING WATER ARE LISTED BELOW:

Parameters	Limits (mg/j)	Methods' (EPA-600/4-79-020)
Arsenic Barium Cadium Chromium Fluoride	0.05 1.0 0.010 0.05 1.4-2.4	AA, furnace technique, pp. 206.2-1 — 206.2-2 AA, direct aspiration, pp. 208.1-1 — 208.1-2 AA, furnace technique, pp. 213.2-1 — 213.2-2 AA, furnace technique, pp. 218.2-1 — 218.2-2 Ion Selective Electrode, pp. 340.2-1 — 340.2-3
(Temperature Dependen Lead Mercury Nitrate (as N) Selenium	0.05 0.05 0.000 0.002 0.000 10.0 0.000 0.000	AA, furnace technique, pp. 239.2-1 — 239.2-2 Manual Cold Vapor technique, pp. 245.1-1 — 245.1-6 Colorimetric, Brucine, pp. 352,1-1 — 352.1-3 AA, furnace technique, pp. 270.2-1 — 270.2-3
Silver Iron Manganese pH	0.05 /*- 0.3 0.05 not less than 6.5 units	AA. direct aspiration, pp. 272.1-1 — 272.1-2 AA, direct aspiration, pp. 236. 1-1 — 236.1-2 AA, direct aspiration, pp. 243.1-1 — 243.1-2 pH. Electrometric, pp. 150.1-1 — 150.1-3

If sample concentrations are greater than the allowable concentrations, a check sample(s) will be required.

#### TYPES OF SAMPLES

Regular:	A sample(s) submitted to meet the monitoring requirements of the North Carolina Drinking Water Act, GS 130 — Article 13D.
Check:	A sample(s) submitted when a previous sample has exceeded the allowable concentration. The check sample should be taken from the same sample distribution tap as the previous sample.
Private:	A sample(s) from a private water supply submitted by a licensed physician sanitarian or other health department represent

Private: A sample(s) from a private water supply submitted by a licensed physician, sanitarian or other health department representative.

Special: A sample(s) submitted by an engineer working with the State or the E.P.A., a sample taken by the owner/operator of a water system for a new well, a landfill test well sample or other non-categorized sample.